

ANALYTICAL REPORT

Eurofins Canton
180 S. Van Buren Avenue
Barberton, OH 44203
Tel: (330)497-9396

Laboratory Job ID: 240-171280-1
Client Project/Site: Ford LTP - Off Site

For:
ARCADIS U.S., Inc.
28550 Cabot Drive
Suite 500
Novi, Michigan 48377

Attn: Kristoffer Hinskey



Authorized for release by:
8/22/2022 4:09:54 PM
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Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Job ID: 240-171280-1

Laboratory: Eurofins Canton

Narrative

**Job Narrative
240-171280-1**

Comments

No additional comments.

Receipt

The samples were received on 8/10/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 2.7° C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CAN
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET CAN
5030C	Purge and Trap	SW846	EET CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

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Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-171280-1	TRIP BLANK_66	Water	08/05/22 00:00	08/10/22 11:43
240-171280-2	MW-192S_080522	Water	08/05/22 15:10	08/10/22 11:43

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- 12
- 13
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Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Client Sample ID: TRIP BLANK_66

Lab Sample ID: 240-171280-1

No Detections.

Client Sample ID: MW-192S_080522

Lab Sample ID: 240-171280-2

No Detections.

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- 11
- 12
- 13
- 14

This Detection Summary does not include radiochemical test results.

Eurofins Canton

Client Sample Results

Client: ARCADIS U.S., Inc.
 Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Client Sample ID: TRIP BLANK_66

Lab Sample ID: 240-171280-1

Date Collected: 08/05/22 00:00

Matrix: Water

Date Received: 08/10/22 11:43

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/11/22 18:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/11/22 18:58	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/11/22 18:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/11/22 18:58	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/11/22 18:58	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/11/22 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		62 - 137		08/11/22 18:58	1
4-Bromofluorobenzene (Surr)	85		56 - 136		08/11/22 18:58	1
Toluene-d8 (Surr)	95		78 - 122		08/11/22 18:58	1
Dibromofluoromethane (Surr)	101		73 - 120		08/11/22 18:58	1

Client Sample Results

Client: ARCADIS U.S., Inc.
 Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Client Sample ID: MW-192S_080522

Lab Sample ID: 240-171280-2

Date Collected: 08/05/22 15:10

Matrix: Water

Date Received: 08/10/22 11:43

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			08/14/22 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 120		08/14/22 21:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/11/22 19:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/11/22 19:22	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/11/22 19:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/11/22 19:22	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/11/22 19:22	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/11/22 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		62 - 137		08/11/22 19:22	1
4-Bromofluorobenzene (Surr)	84		56 - 136		08/11/22 19:22	1
Toluene-d8 (Surr)	95		78 - 122		08/11/22 19:22	1
Dibromofluoromethane (Surr)	100		73 - 120		08/11/22 19:22	1

Surrogate Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(62-137)	(56-136)	(78-122)	(73-120)
240-171141-B-17 MS	Matrix Spike	93	90	102	103
240-171141-B-17 MSD	Matrix Spike Duplicate	97	91	101	106
240-171280-1	TRIP BLANK_66	94	85	95	101
240-171280-2	MW-192S_080522	93	84	95	100
LCS 240-538489/8	Lab Control Sample	90	86	96	99
MB 240-538489/9	Method Blank	90	83	94	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA
		(66-120)
240-171280-2	MW-192S_080522	86
240-171285-H-2 MSD	Matrix Spike Duplicate	89
240-171285-I-2 MS	Matrix Spike	89
LCS 240-538770/3	Lab Control Sample	85
MB 240-538770/4	Method Blank	86

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-538489/9
Matrix: Water
Analysis Batch: 538489

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/11/22 13:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/11/22 13:39	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/11/22 13:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/11/22 13:39	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/11/22 13:39	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/11/22 13:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	90		62 - 137		08/11/22 13:39	1
4-Bromofluorobenzene (Surr)	83		56 - 136		08/11/22 13:39	1
Toluene-d8 (Surr)	94		78 - 122		08/11/22 13:39	1
Dibromofluoromethane (Surr)	96		73 - 120		08/11/22 13:39	1

Lab Sample ID: LCS 240-538489/8
Matrix: Water
Analysis Batch: 538489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1-Dichloroethene	20.0	17.4		ug/L		87	63 - 134
cis-1,2-Dichloroethene	20.0	17.6		ug/L		88	77 - 123
Tetrachloroethene	20.0	17.6		ug/L		88	76 - 123
trans-1,2-Dichloroethene	20.0	16.4		ug/L		82	75 - 124
Trichloroethene	20.0	18.0		ug/L		90	70 - 122
Vinyl chloride	20.0	16.4		ug/L		82	60 - 144

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		62 - 137
4-Bromofluorobenzene (Surr)	86		56 - 136
Toluene-d8 (Surr)	96		78 - 122
Dibromofluoromethane (Surr)	99		73 - 120

Lab Sample ID: 240-171141-B-17 MS
Matrix: Water
Analysis Batch: 538489

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
1,1-Dichloroethene	13	U	250	226		ug/L		90	56 - 135
cis-1,2-Dichloroethene	13		250	249		ug/L		94	66 - 128
Tetrachloroethene	690	F1	250	867	E	ug/L		70	62 - 131
trans-1,2-Dichloroethene	13	U	250	214		ug/L		85	56 - 136
Trichloroethene	14		250	245		ug/L		92	61 - 124
Vinyl chloride	13	U	250	212		ug/L		85	43 - 157

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		62 - 137
4-Bromofluorobenzene (Surr)	90		56 - 136
Toluene-d8 (Surr)	102		78 - 122

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QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-171141-B-17 MS
Matrix: Water
Analysis Batch: 538489

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	%Recovery	MS MS Qualifier	Limits
Dibromofluoromethane (Surr)	103		73 - 120

Lab Sample ID: 240-171141-B-17 MSD
Matrix: Water
Analysis Batch: 538489

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	13	U	250	229		ug/L		92	56 - 135	1	26
cis-1,2-Dichloroethene	13		250	265		ug/L		101	66 - 128	6	14
Tetrachloroethene	690	F1	250	844	E F1	ug/L		61	62 - 131	3	20
trans-1,2-Dichloroethene	13	U	250	223		ug/L		89	56 - 136	4	15
Trichloroethene	14		250	255		ug/L		96	61 - 124	4	15
Vinyl chloride	13	U	250	216		ug/L		86	43 - 157	2	24

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	91		56 - 136
Toluene-d8 (Surr)	101		78 - 122
Dibromofluoromethane (Surr)	106		73 - 120

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-538770/4
Matrix: Water
Analysis Batch: 538770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			08/14/22 20:26	1

Surrogate	%Recovery	MB MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 120		08/14/22 20:26	1

Lab Sample ID: LCS 240-538770/3
Matrix: Water
Analysis Batch: 538770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS LCS Result Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	10.0	9.43	ug/L		94	80 - 122

Surrogate	%Recovery	LCS LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		66 - 120

Lab Sample ID: 240-171285-H-2 MSD
Matrix: Water
Analysis Batch: 538770

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	2.0	U	10.0	11.0		ug/L		110	51 - 153	5	16

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QC Sample Results

Client: ARCADIS U.S., Inc.
 Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>MSD</i> <i>%Recovery</i>	<i>MSD</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	89		66 - 120

Lab Sample ID: 240-171285-I-2 MS
Matrix: Water
Analysis Batch: 538770

Client Sample ID: Matrix Spike
Prep Type: Total/NA

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MS</i> <i>Result</i>	<i>MS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec</i> <i>Limits</i>
1,4-Dioxane	2.0	U	10.0	10.5		ug/L		105	51 - 153

<i>Surrogate</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	89		66 - 120

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QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

GC/MS VOA

Analysis Batch: 538489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-171280-1	TRIP BLANK_66	Total/NA	Water	8260D	
240-171280-2	MW-192S_080522	Total/NA	Water	8260D	
MB 240-538489/9	Method Blank	Total/NA	Water	8260D	
LCS 240-538489/8	Lab Control Sample	Total/NA	Water	8260D	
240-171141-B-17 MS	Matrix Spike	Total/NA	Water	8260D	
240-171141-B-17 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 538770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-171280-2	MW-192S_080522	Total/NA	Water	8260D SIM	
MB 240-538770/4	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-538770/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-171285-H-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	
240-171285-I-2 MS	Matrix Spike	Total/NA	Water	8260D SIM	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Client Sample ID: TRIP BLANK_66

Lab Sample ID: 240-171280-1

Date Collected: 08/05/22 00:00

Matrix: Water

Date Received: 08/10/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	538489	HMB	EET CAN	08/11/22 18:58

Client Sample ID: MW-192S_080522

Lab Sample ID: 240-171280-2

Date Collected: 08/05/22 15:10

Matrix: Water

Date Received: 08/10/22 11:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	538489	HMB	EET CAN	08/11/22 19:22
Total/NA	Analysis	8260D SIM		1	538770	CS	EET CAN	08/14/22 21:42

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396



Accreditation/Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-171280-1

Laboratory: Eurofins Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-27-23
Connecticut	State	PH-0590	12-31-23
Florida	NELAP	E87225	06-30-23
Georgia	State	4062	02-27-23
Illinois	NELAP	200004	07-31-23
Iowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-27-23
Kentucky (WW)	State	KY98016	12-31-22
Minnesota	NELAP	039-999-348	12-31-22
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-23
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-23-23
Ohio VAP	State	CL0024	02-27-23
Oregon	NELAP	4062	02-27-23
Pennsylvania	NELAP	68-00340	08-31-23
Texas	NELAP	T104704517-22-17	08-31-22
Virginia	NELAP	11570	09-14-22
Washington	State	C971	01-12-23
West Virginia DEP	State	210	12-31-22

TestAmerica Laboratory location: Brighton --- 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763

Regulatory program: DW NPDES RCRA Other

TestAmerica Laboratories, Inc.

Client Project Manager: Kris Hinskey Site Contact: Christina Weaver Lab Contact: Mike DelMonico

Company Name: Arcadis Telephone: 269-832-7478 Telephone: 248-994-2329 Telephone: 330-966-9783

Address: 28550 Cabot Drive, Suite 500 Email: Kristoffer.Hinskey@arcadis.com Walk-in client

City/State/Zip: Novi, MI, 48377 Project Name: Ford LTP Off-Site Lab sampling

Phone: 248-994-2240 Project Number: 30080642.402.04 Job/SDG No:

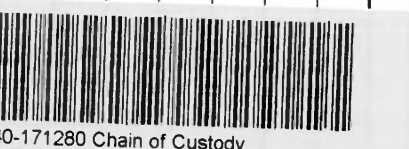
PO # 30080642.402.04 Shipping/Tracking No:

Sample Identification

Sample Date	Sample Time	Matrix	Containers & Preservatives	Filtered Sample (Y/N)	Composite=C / Grab=C	1-1-DCE 8260D	cis-1,2-DCE 8260D	Trans-1,2-DCE 8260D	PCE 8260D	TCE 8260D	Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM
TRIP BLANK_66	8/5/22	---	HCl	N	G	X	X	X	X	X	X	
MW-1925-080522	8/5/22	1510	HNO3	N	G	X	X	X	X	X	X	X

1 Trip Blank
3 VOAs for 8260D
3 VOAs for 8260D SIM

240-171280 Chain of Custody



Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:
Sample Address: 12036 Brewster
Submit all reports through Cadena at fomalia@cadenaco.com, Cadena #E203631
Level IV Reporting requested.

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Sam Sukaria	Arcadis	8/5/22/1610	Arcadis Cold Storage	Arcadis	8/5/22/1610
St. Anthony	Arcadis	8/9/22 1410	Jeri Hal	EEA	8/9/22 1411
Jeri Hal	EEA	8/9/22 1440	TestAmerica Laboratory	CEXX	8/10/22 9:30

Eurofins - Canton Sample Receipt Form/Narrative Login # : _____
Barberton Facility

Client ARCADIS Site Name _____ Cooler unpacked by: JUSTIN H
Cooler Received on 9-10-22 Opened on 9-10-22
FedEx: 1st Grd UPS FAS Clipper Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____


Eurofins Cooler # TA Foam Box _____ Client Cooler _____ Box _____ Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None _____

1. Cooler temperature upon receipt See Multiple Cooler Form
IR GUN# IR-13 (CF +0.7°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
- Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
- Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No NA
- Were tamper/custody seals intact and uncompromised? Yes No NA

3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC286797
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? Yes No NA  ← Larger than this.
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered Yes No
17. Was a LL Hg or Me Hg trip blank present? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____
Concerning _____

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page Samples processed by: _____

19. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____
VOA Sample Preservation - Date/Time VOAs Frozen: _____

Eurofins - Canton Sample Receipt Multiple Cooler Form

Cooler Description (Circle)				IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)		
TA	Client	Box	Other	IR-13 IR-15	2.0	2.0	Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15	2.7	2.7	Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		
TA	Client	Box	Other	IR-13 IR-15			Wet Ice	Blue Ice	Dry Ice
							Water None		

See Temperature Excursion Form

